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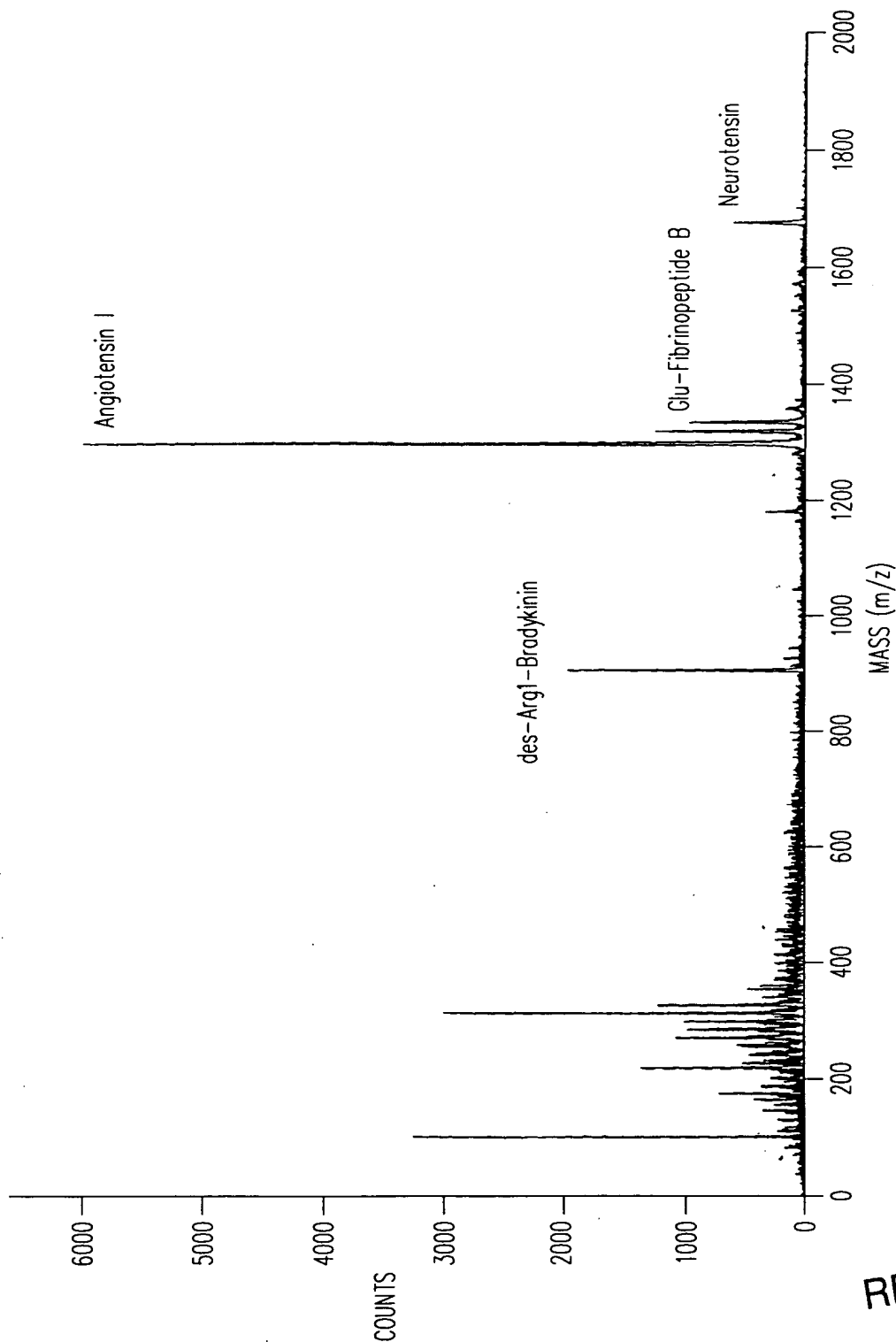


FIG. 1

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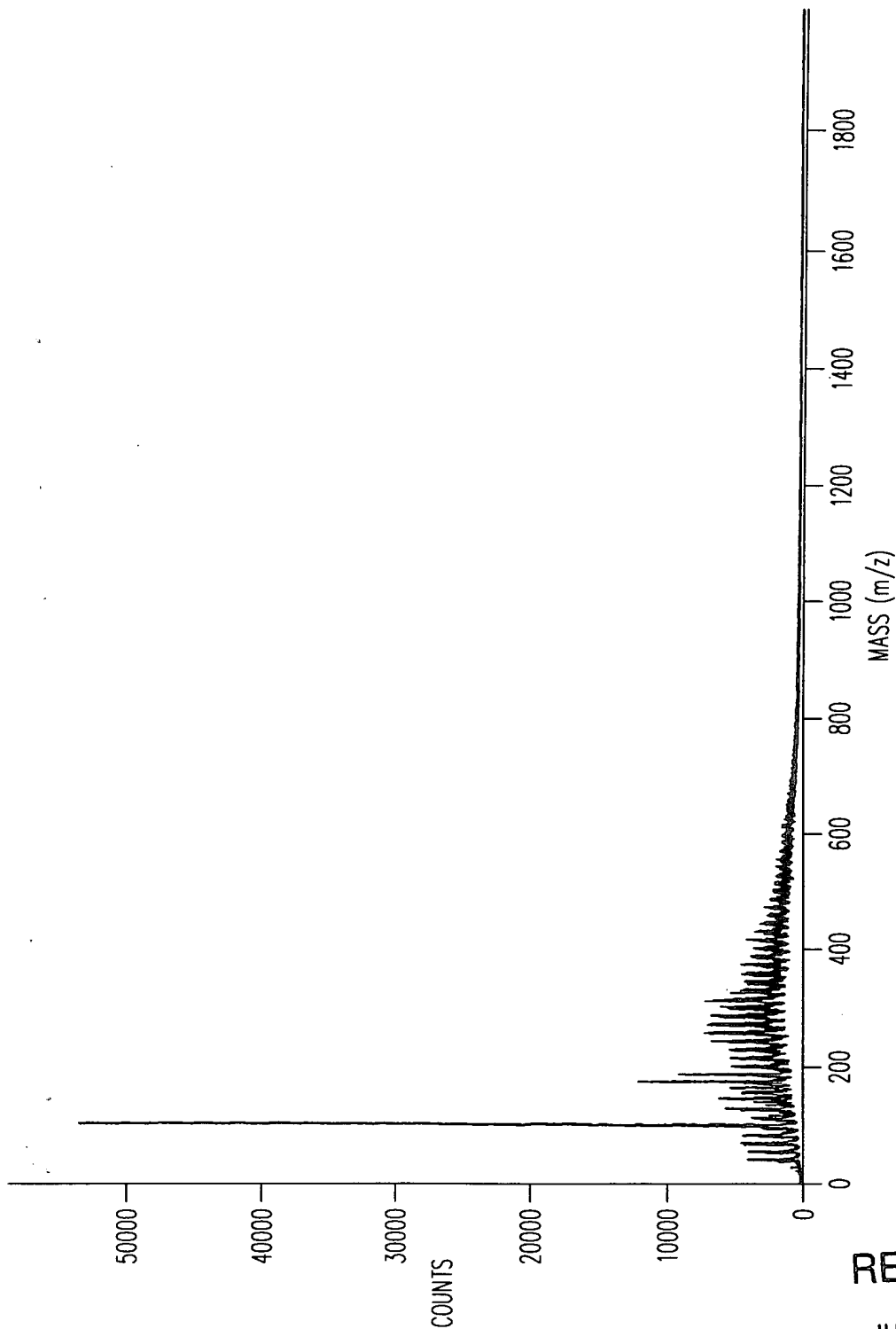


FIG. 2

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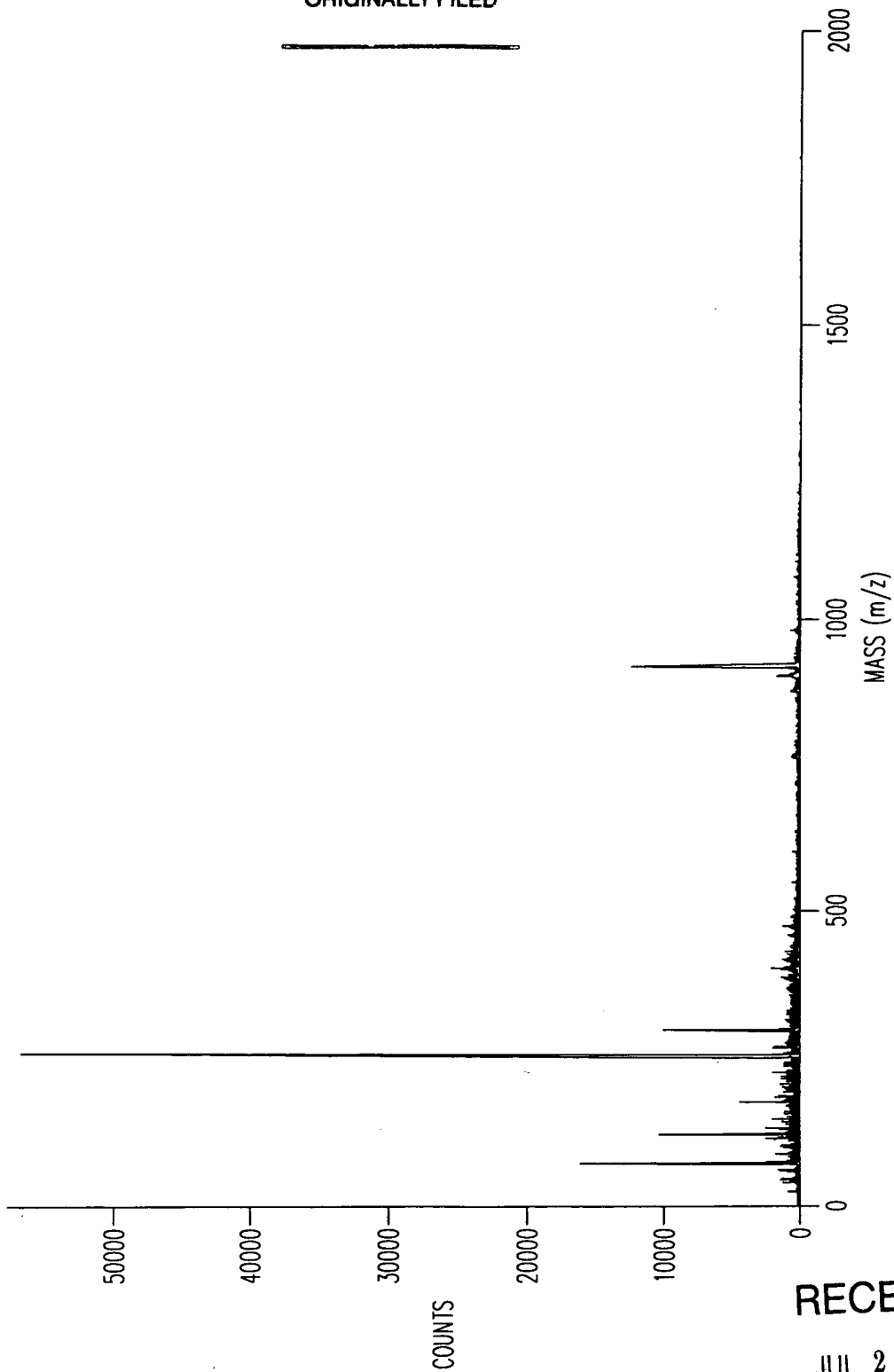


FIG. 3

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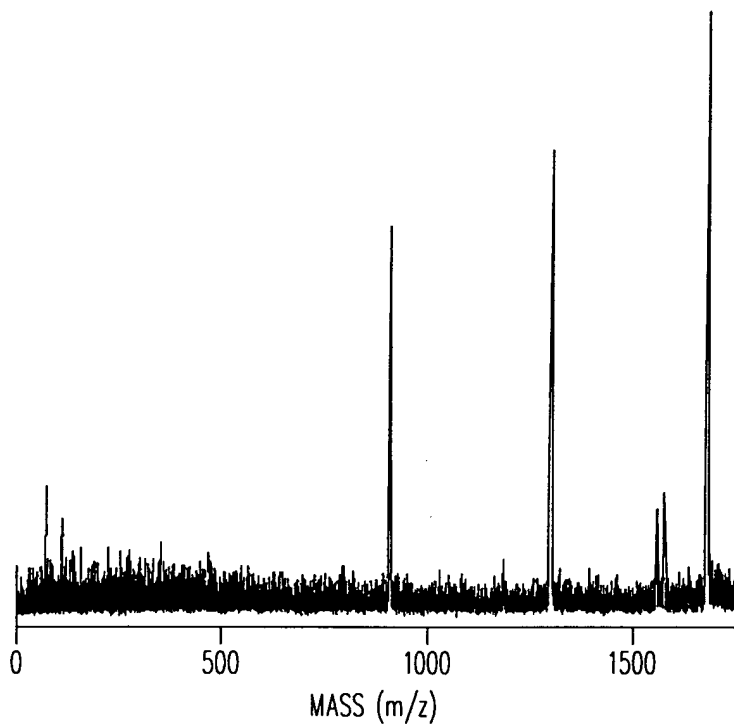


FIG. 4

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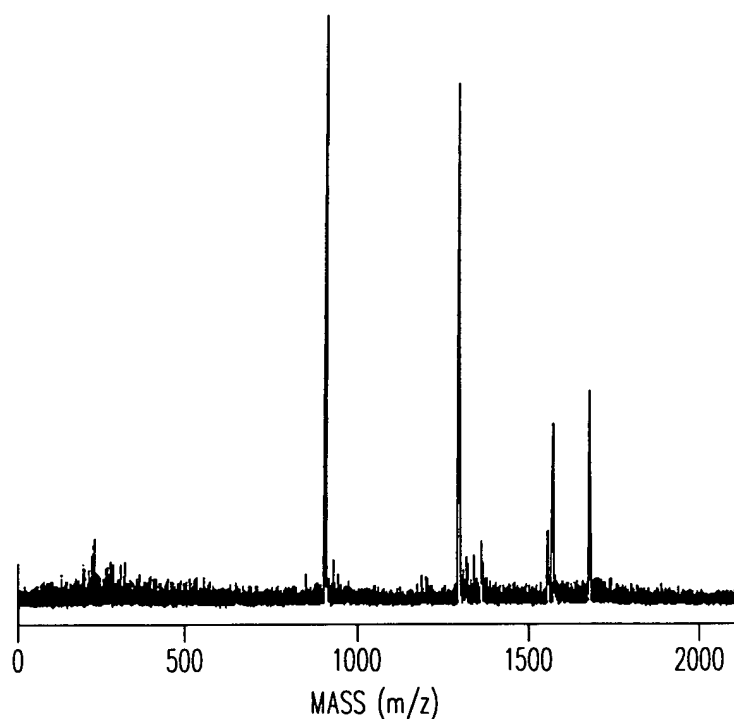


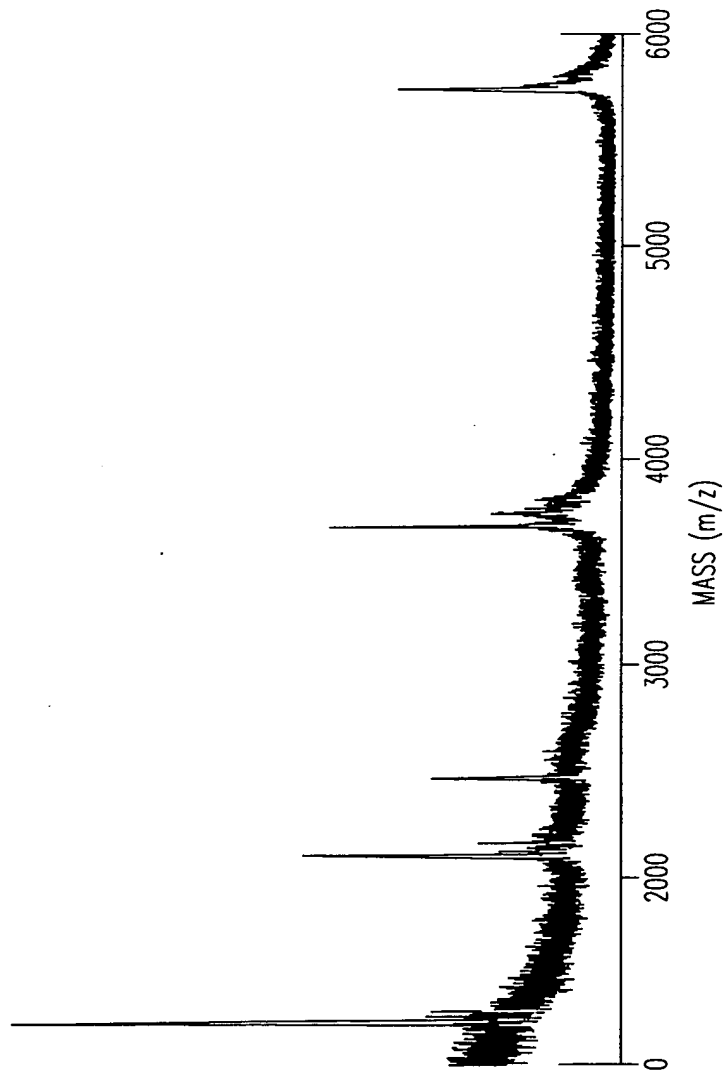
FIG. 5

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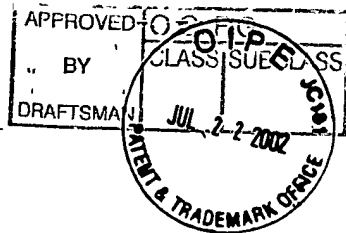
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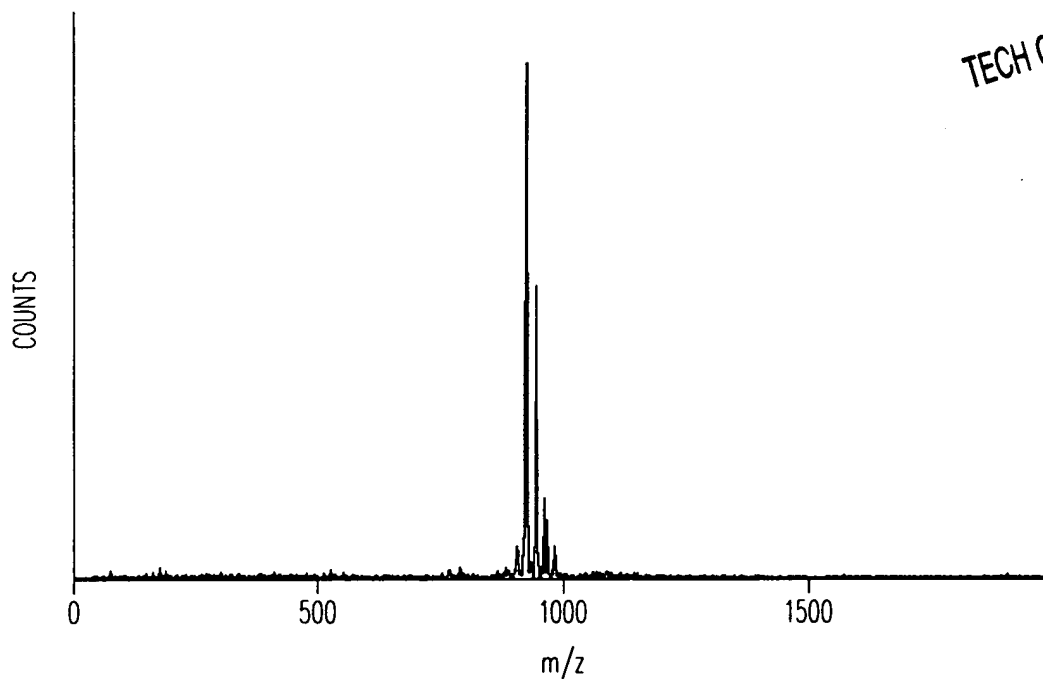


FIG. 7

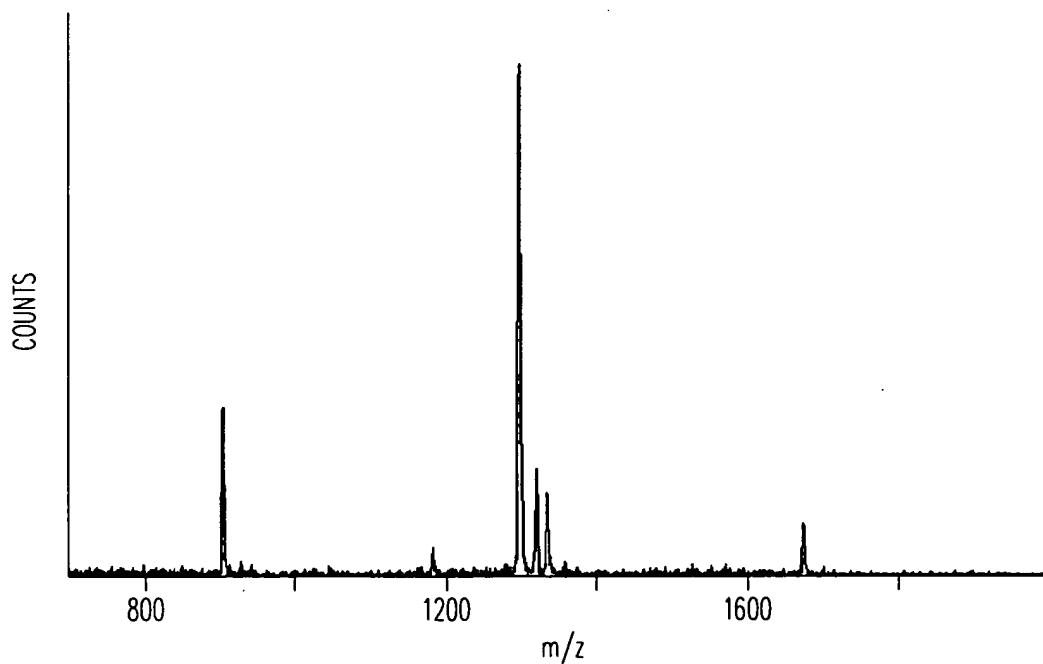


FIG. 8

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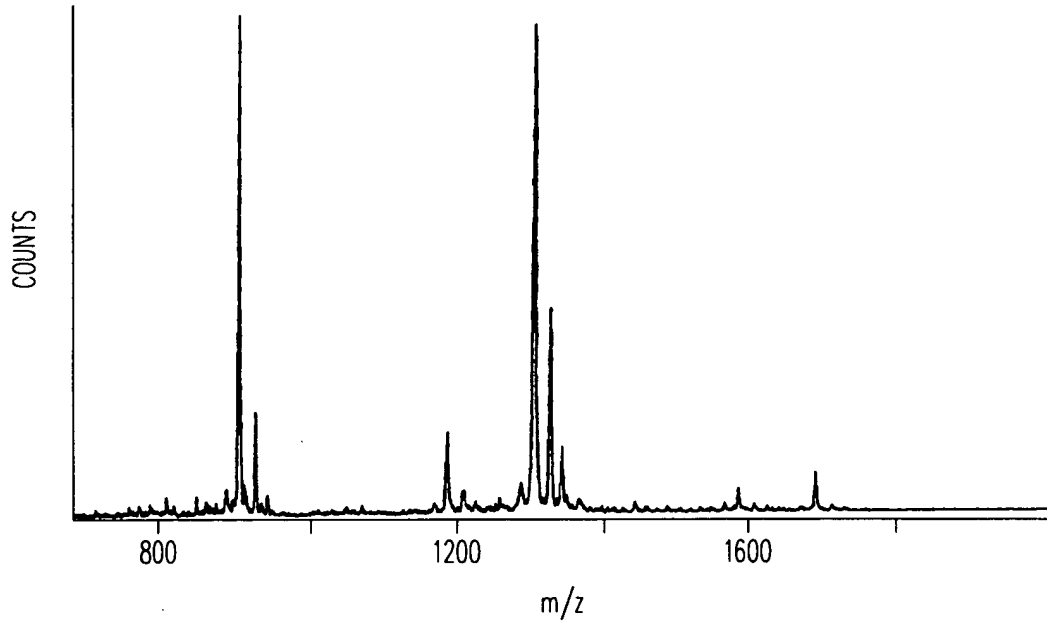


FIG. 9

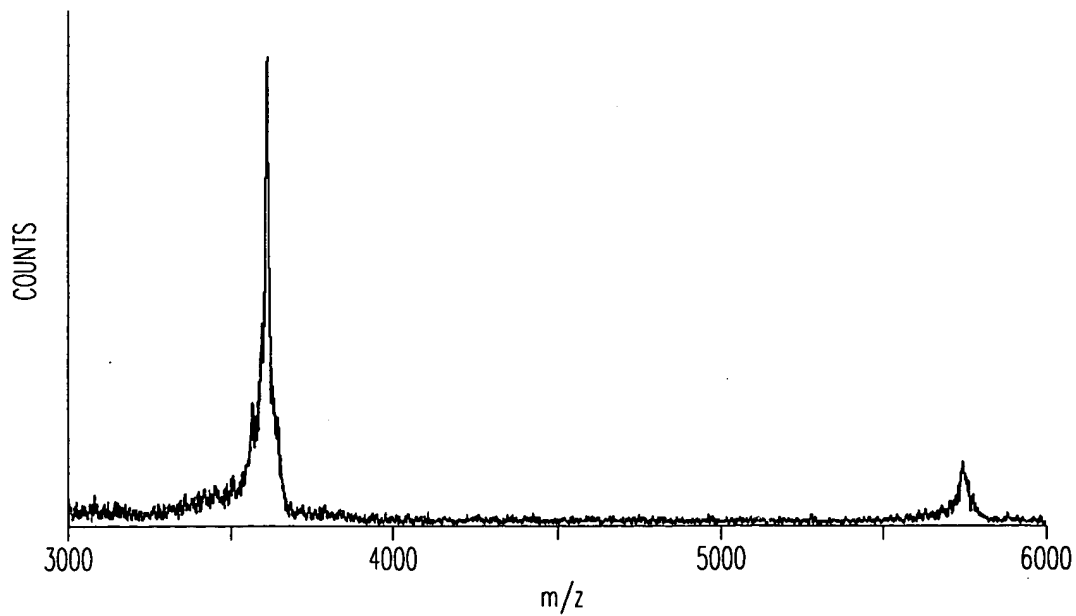


FIG. 10

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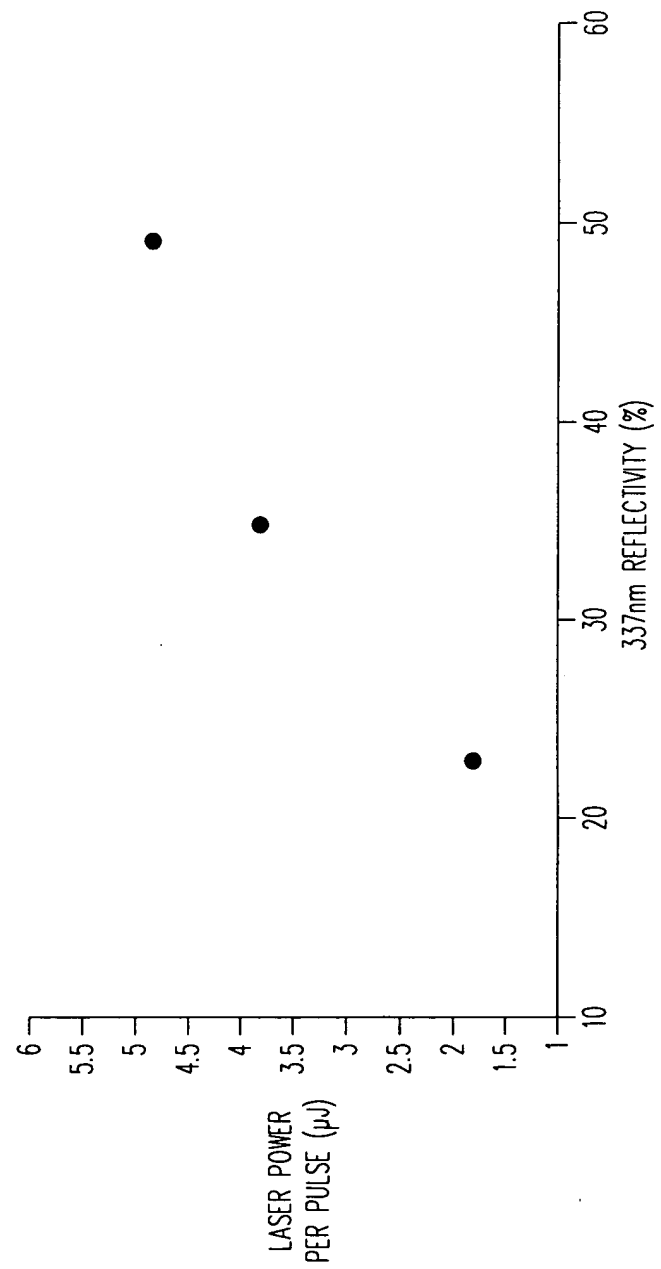


FIG. 11

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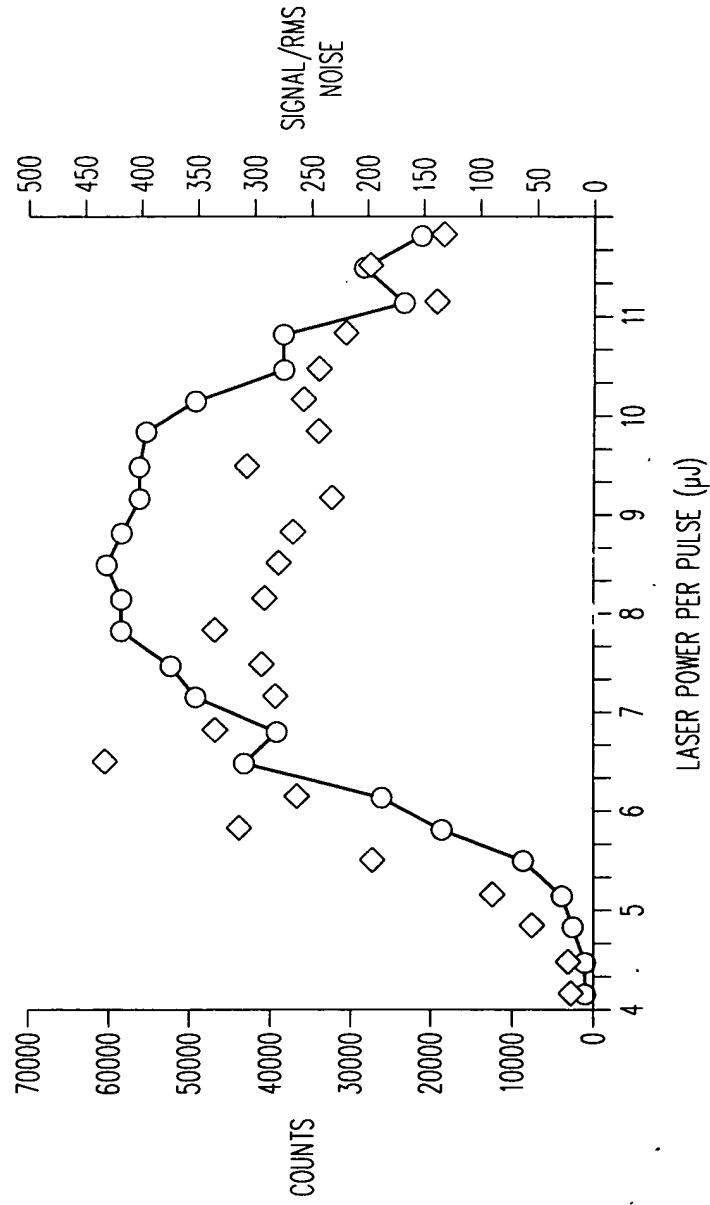


FIG. 12

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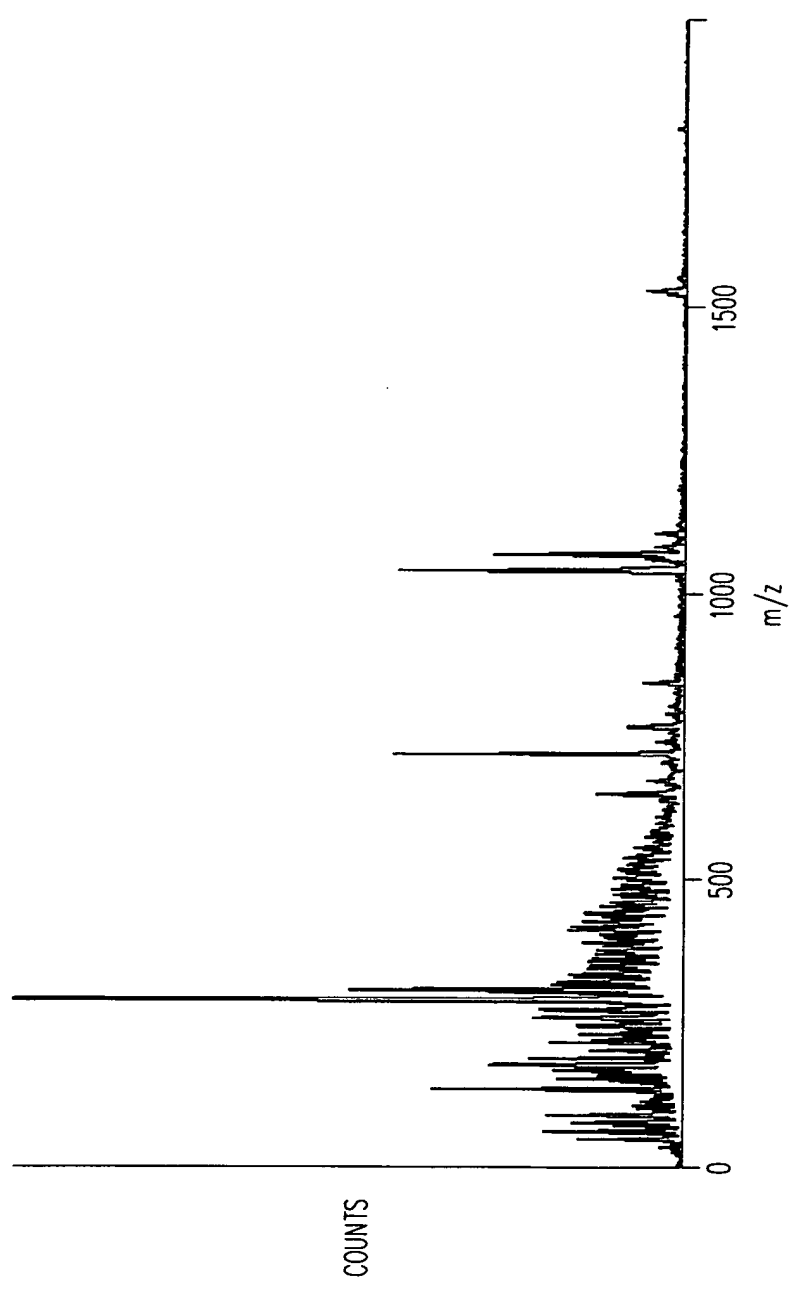
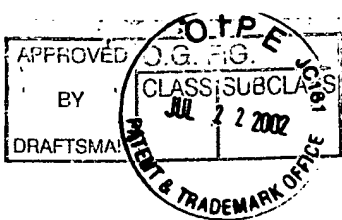
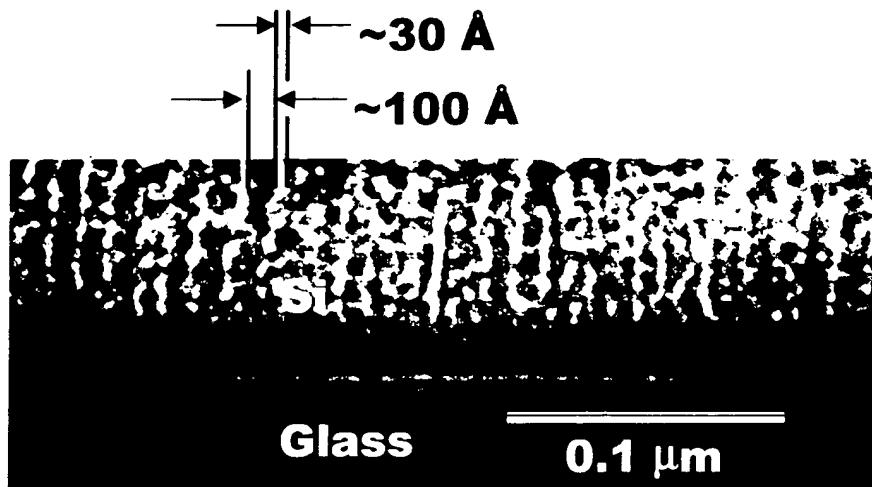


FIG. 13



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FIG. 14a

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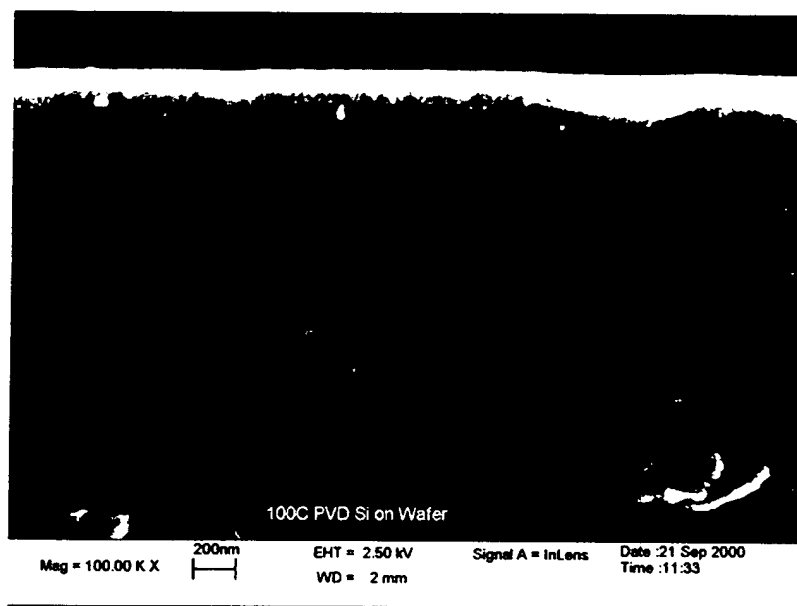
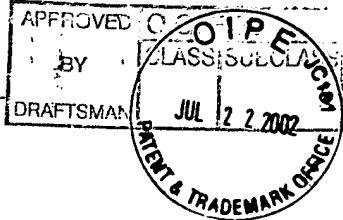


FIG. 14b



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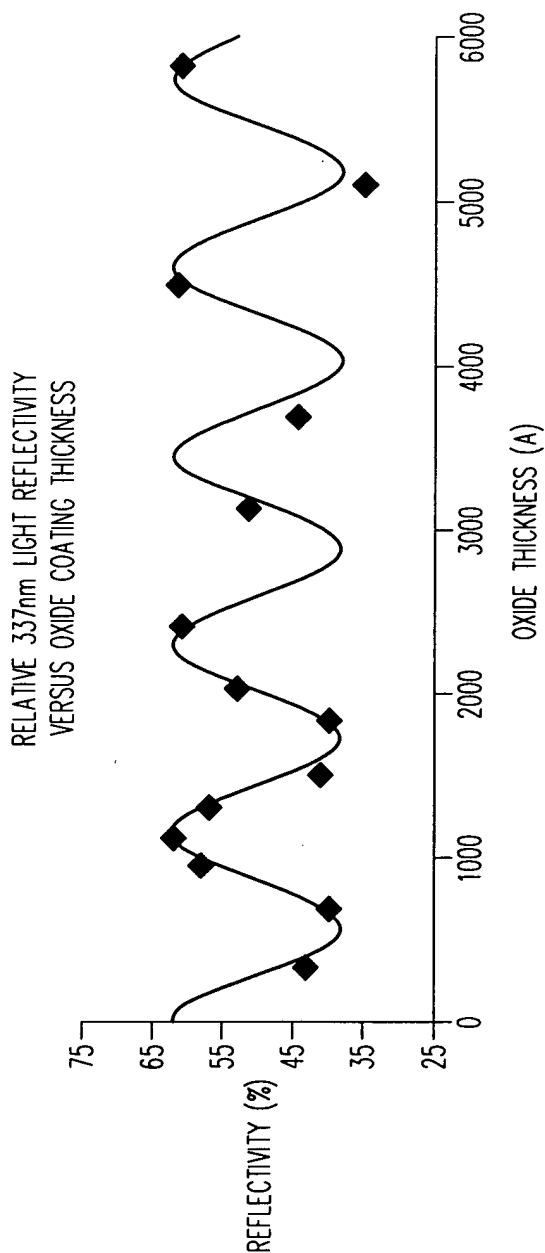


FIG. 15

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RELATIVE MOLECULAR DETECTION COUNTS
VERSUS OXIDE COATING THICKNESS

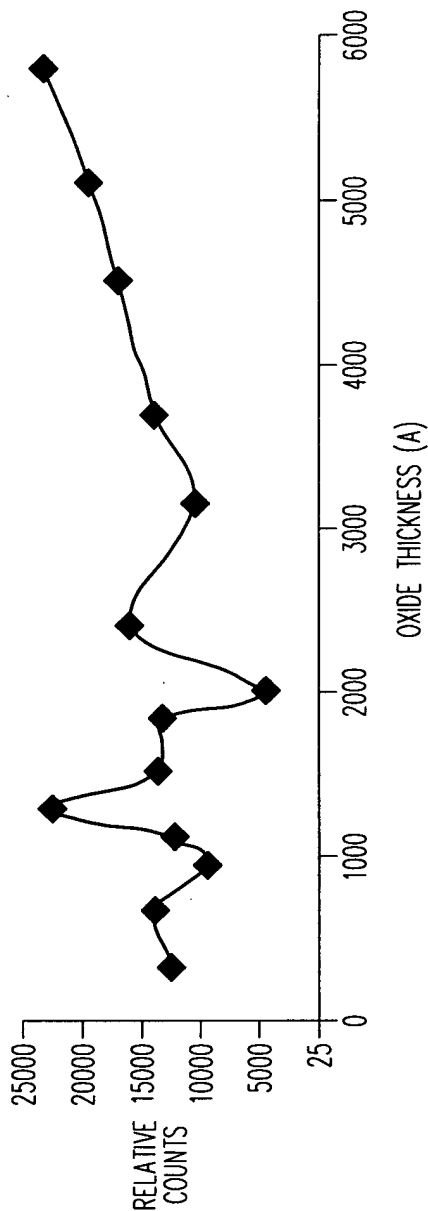


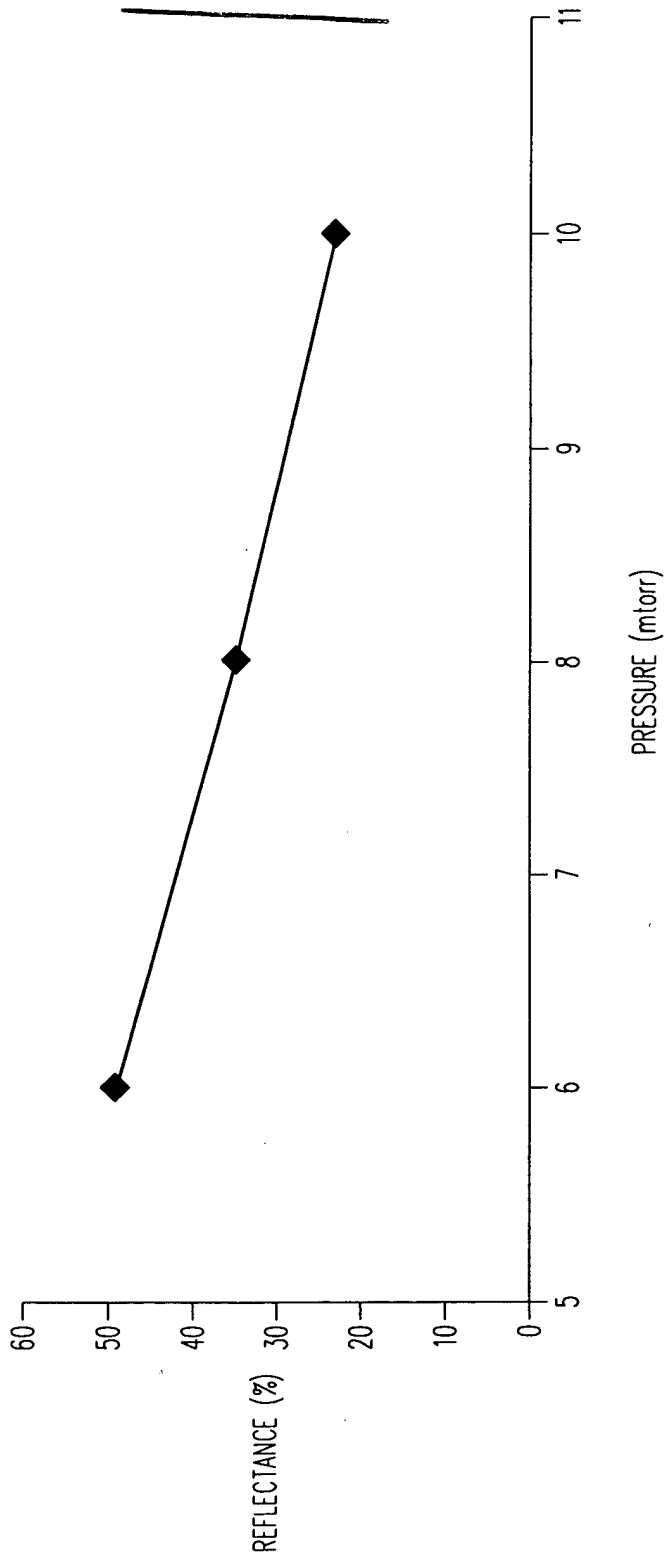
FIG. 16

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FIG. 17

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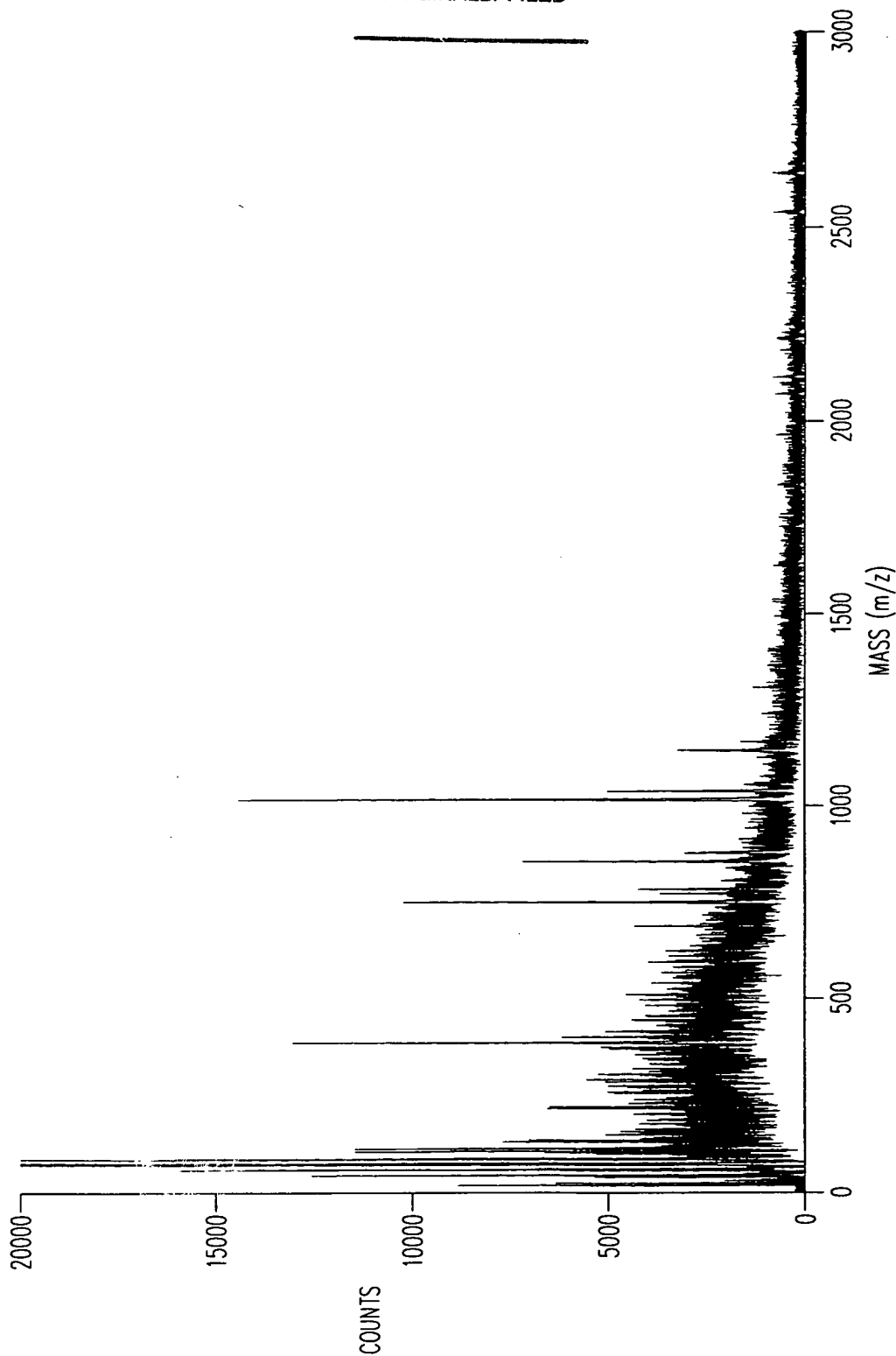


FIG. 18a

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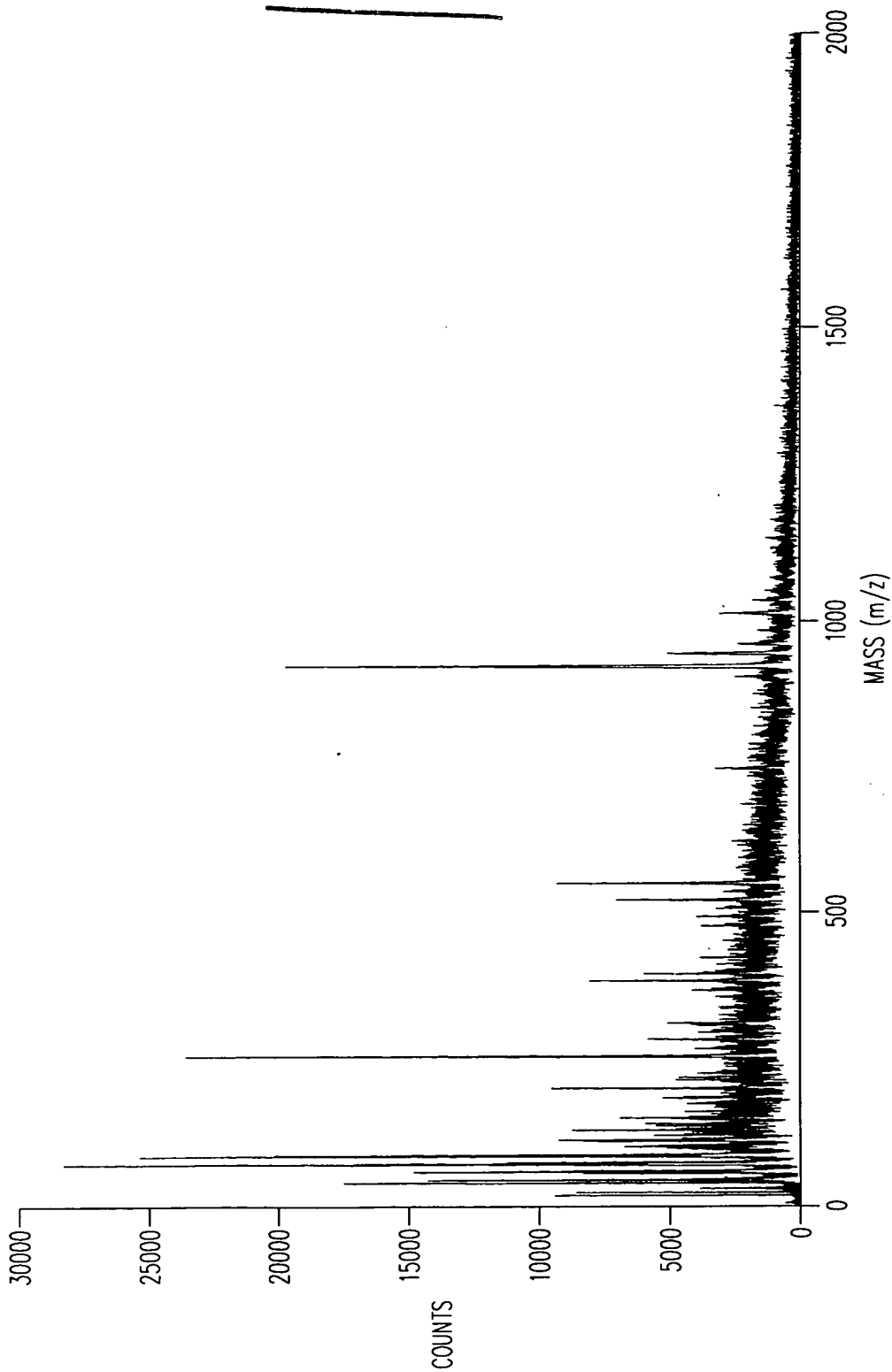


FIG. 18b

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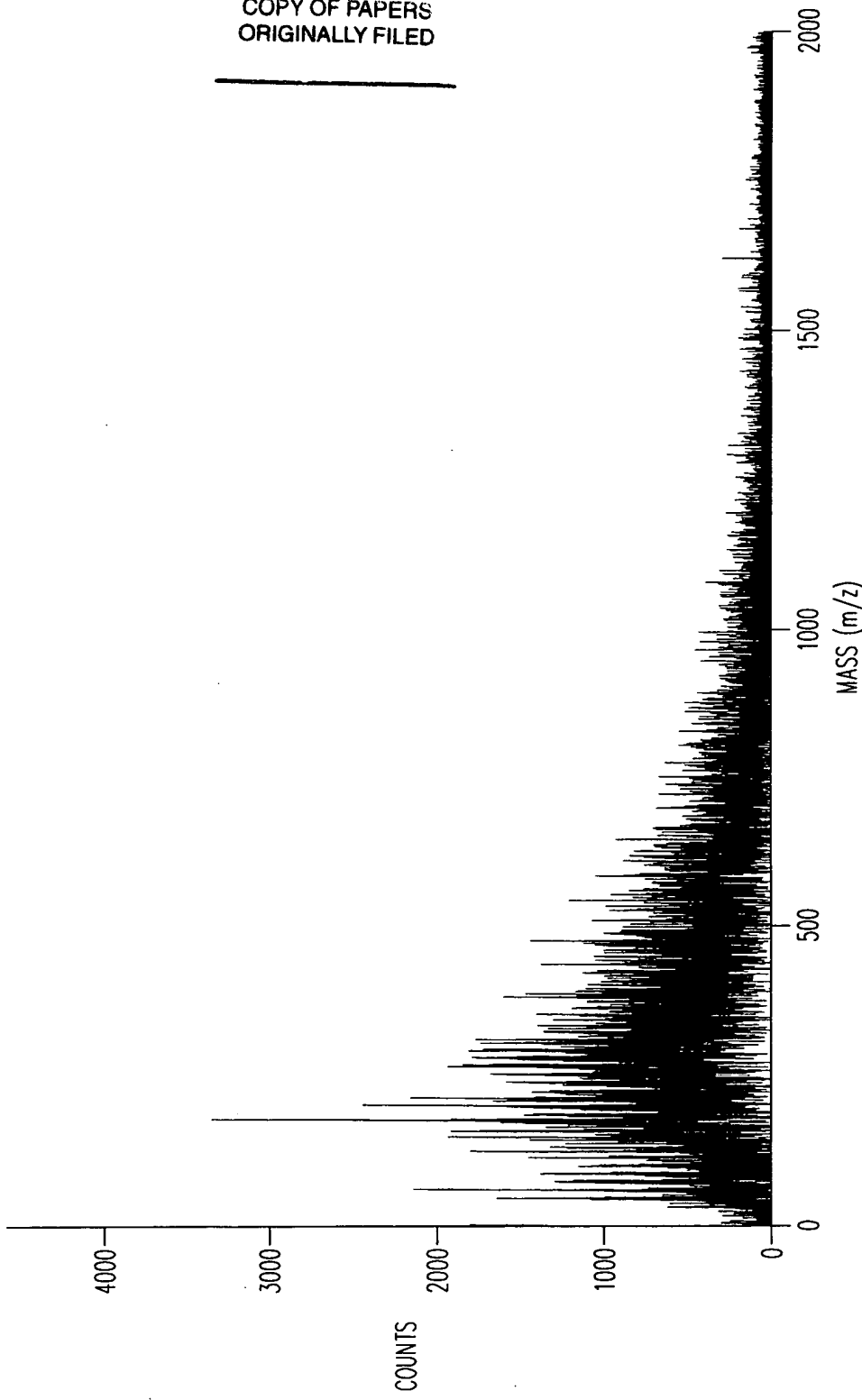


FIG. 19a

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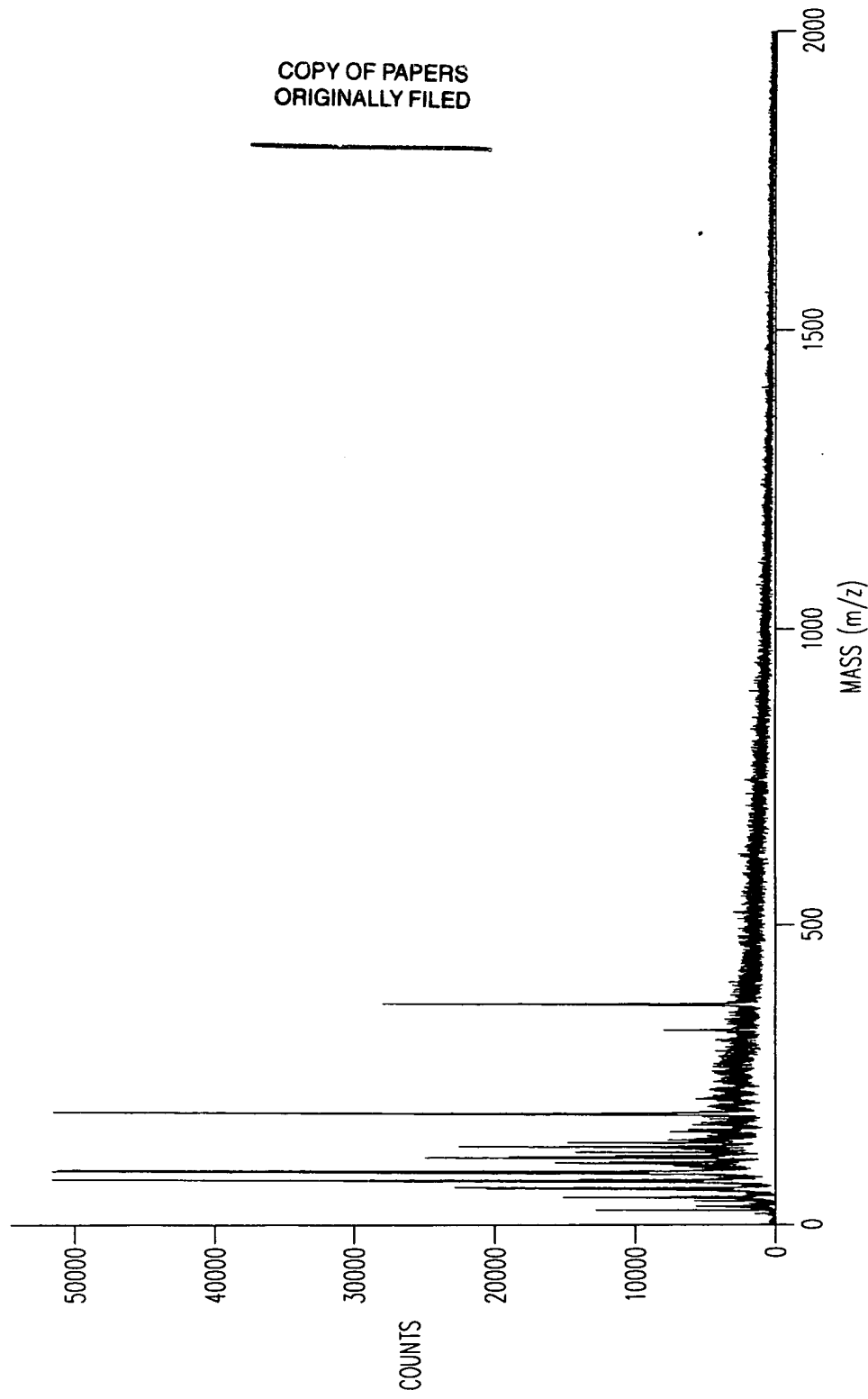


FIG. 19b

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FIG. 20

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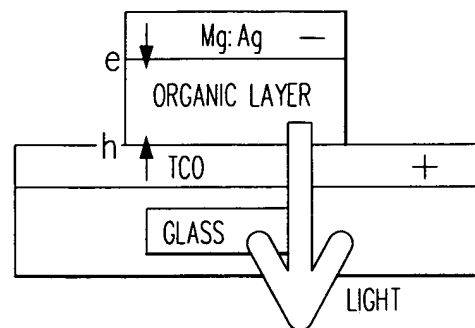


FIG. 21

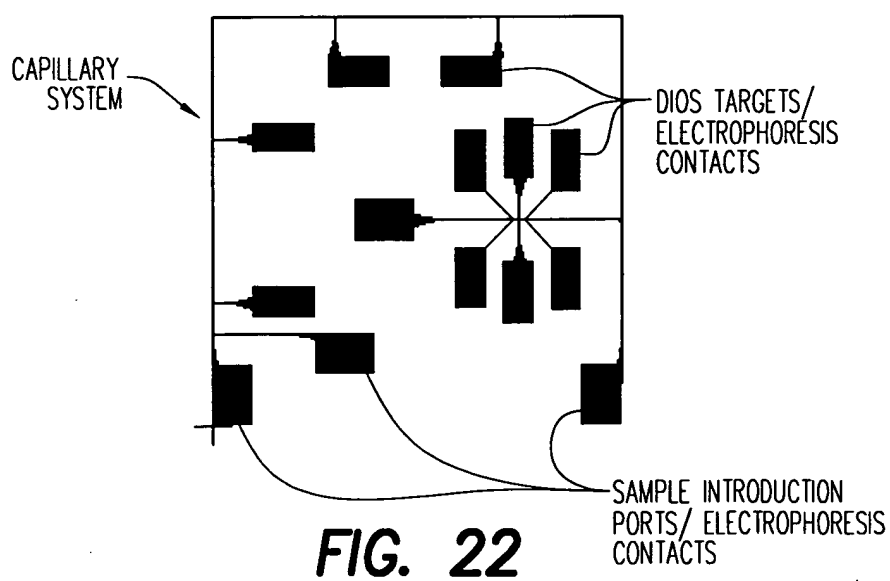


FIG. 22